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

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/042,549
Sheet <u>2</u> of <u>5</u>				Filing Date	January 9, 2002
				First Named Inventor	MICHALUK
				Art Unit	1742
				Examiner Name	Lois L. Zheng
				Attorney Docket Number	CPM00029CIP (3600-328-01)

NON PATENT LITERATURE DOCUMENTS				
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		LASSILA et al., "Mechanical Behavior of Tantalum and Tantalum-Tungsten Alloys: Texture Gradients and Macro/Micro-Response," 14 <sup>th</sup> U.S. ARMY SYMPOSIUM ON SOLID MECHANICS, November 30, 1996 (14 pgs.)		
		MICHALUK, "Deformation Behavior of Tantalum-Tungsten Alloys," a Thesis submitted to the Faculty of Drexel University, December 1993 (158 pgs.)		
		MICHALUK et al., "The Effect of Oxygen, Grain Size, and Strain Rate on the Mechanical Behavior of Forged P/M Tantalum," date unknown (pp. 195-204)		
		HOGUE, "Influence of Strain Rate on Flow Stress of Tantalum," Lawrence Radiation Laboratory, University of California, Paper 15A.4, date unknown (pp. 996-1000)		
		FOLLANSBEE, "The Hopkinson Bar," HIGH STRAIN RATE TESTING, date unknown (pp. 198-203)		
		RUDOLPH et al., "The Deformation of Tantalum-Niobium and Tantalum-Molybdenum Single Crystals," Z. METALLKDE., No. 58, H. 10, 1967 (pp. 708-713)		
		REGAZZONI et al., "Influence of Strain Rate on the Flow Stress and Ductility of Copper and Tantalum at Room Temperature," Inst. Phys. Conf. Ser. No. 70, paper presented at 3 <sup>rd</sup> Conf. Mech. Prop. High Rates of Strain, Oxford, 1984 (pp. 63-70)		
		DIAZ et al., "Evidence for Slow Strain-Rate Embrittlement in Tantalum Due to Oxygen," SCRIPTA METALLURGICA, Vol. 13, 1979 (pp. 491-496)		
		Author unknown, "Reihenentwicklung von Orientierungsverteilungsfunktionen," date known (pp. 24-25) (in German)		
		MUNDEKIS et al., "Effects of Rolling Schedule and Annealing on the High Strain Rate Behavior of Tantalum," THE MINERALS, METALS & MATERIALS SOCIETY, 1992 (pp. 77-96)		
		ARSENAULT et al., "Work-Hardening Characteristics of Ta and Ta-Base Alloys," date unknown (pp. 283-301)		
		LANDRUM et al., "The Effects of Cold-Flowing on Tantalum Material Properties," THE MINERALS, METALS & MATERIALS SOCIETY, 1992 (pp. 59-76)		
		KEH et al., "Deformation Substructure in Body-Centered Cubic Metals," SINGLE PHASE MATERIALS, Chapter 5, date unknown (pp. 231-264)		
		GOURDIN et al., "The Influence of Tungsten Alloying on the Mechanical Properties of Tantalum," JOURNAL DE PHYSIQUE IV, Colloque C8, Vol. 4, September 1994 (pp. C8-207-C8-212)		
		Author unknown, "Solid Solutions," Chapter 6, date unknown (pp. 144-149)		
		LASSILA et al., "Effects of Shock Prestrain on the Dynamic Mechanical Behavior of Tantalum," JOURNAL DE PHYSIQUE IV, Colloque C3, Vol. 1, October 1991 (pp. C3-19-C3-26)		
		ULITCHNY et al., "The Effects of Interstitial Solute Additions on the Mechanical Properties of Niobium and Tantalum Single Crystals," JOURNAL OF THE LESS-COMMON METALS, Vol. 33, 1973 (pp. 105-116)		
		POKROSS, "Tantalum Micro-Alloys," supplied by the British Library, date unknown (pp. 297-330)		
		HULL et al., "Introduction to Dislocations," 3 <sup>rd</sup> Edition, 1984 (cover page & contents pages v-vii only)		
		Author unknown, "Mechanical Fundamentals," Dieter Mech. Metallurgy, 3 <sup>rd</sup> Ed., 1986 (pp. 82-86)		
	GRAY et al., "The High-Strain-Rate and Spallation Response of Tantalum, Ta-10W, and T-111," THE MINERALS, METALS & MATERIALS SOCIETY, 1992 (pp. 303-315)			
	RAJENDRAN et al., "Effects of Strain Rate on Plastic Flow and Fracture in Pure Tantalum," J. MATER. SHAPING TECHNOL., Vol. 9, 1991 (pp. 7-20)			
Examiner Signature			Date Considered	8/1/06

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STATEMENT BY APPLICANT**

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Sheet

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of

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**Complete if Known**

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Filing Date	January 9, 2002
First Named Inventor	MICHALUK
Art Unit	1742
Examiner Name	Lois L. Zheng
Attorney Docket Number	CPM00029CIP (3600-328-01)

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LS		CARDONNE et al., "Tantalum and Its Alloys," ADVANCED MATERIALS & PROCESSES, Vol. 142, No. 3, September 1992 (pp. 16-20)	
		POKROSS, "Tantalum," Metals Handbook, 10 <sup>th</sup> Ed., Vol. 2, Properties and Selection: Nonferrous Alloys and Special-Purpose Materials, 1990 (pp. 571-574)	
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		BARBEE et al., "Dislocation Structures in Deformed and Recovered Tantalum," JOURNAL OF THE LESS-COMMON METALS, Vol. 8, 1965 (pp. 306-319)	
		FUJII et al., "On the Rolling Deformation and Recrystallization of (111) [112] Single Crystals of High-Purity Tungsten, Molybdenum and Tantalum," JOURNAL OF THE LESS-COMMON METALS, Vol. 39, 1975 (pp. 161-172)	
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		ARSENAULT, "Effects of Strain Rate and Temperature on Yield Points," TRANSACTIONS OF THE METALLURGICAL SOCIETY OF AIME, Vol. 230, December 1964 (pp. 1570-1576)	
		GRAY et al., "Influence of Peak Pressure and Temperature on the Structure/Property Response of Shock Loaded Ta and Ta-10W," METALLURGICAL AND MATERIALS TRANSACTIONS A, Vol. 26A, October 1995 (pp. 2555-2563)	
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		MICHALUK et al., "The Effects of Texture and Strain on the R-Value of Heavy Gauge Tantalum Plate," MATERIALS SCIENCE FORUM, Vol. 157-162, 1994 (pp. 1653-1662)	
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		WRIGHT et al., "Texture Gradient Effects in Tantalum," Materials Science Forum, Vol. 157-162, 1994 (pp. 1695-1700)	
		MITCHELL et al., "Three-Stage Hardening in Tantalum Single Crystals," ACTA METALLURGICA, Vol. 13, November 1965 (pp. 1169-1179)	
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			Examiner Name	Lois L. Zheng
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uy		SUZUKI, "Development of Refractory Metals and Silicides Targets, and Their Characteristics," MATERIALS RESEARCH SOCIETY, 1987 (pp. 339-345)	
		OHBA et al., "Effect of Zone-Refining on Orientations of Recrystallized Grains Formed in Rolled and Annealed Pure Mo and Ta Single Crystals," JOURNAL OF THE LESS-COMMON METALS, Vol. 52, 1977 (pp. 93-99)	
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		KANEKO et al., "Mechanical Properties of Ta Single Crystals Grown by Electron Beam Melting Methods," publication and date unknown (Abstract in English)	
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		SINGH, "Ultrapurification of Refractory Metals," HIGH TEMPERATURE MATERIALS AND PROCESSES, Vol. 11, Issue 1-4, January 1993 (pp. 305-349)	
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		OKAMOTO et al., "Determination of Th, U, Na and K in High-Purity Tantalum," JOURNAL OF THE IRON AND STEEL INSTITUTE OF JAPAN, 1991 (pp. 1929-1935) (Synopsis in English)	
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UP		WRIGHT et al., "Textural and Microstructural Gradient Effects on the Mechanical Behavior of a Tantalum Plate," METALLURGICAL AND MATERIALS TRANSACTIONS A, Vol. 25A, May 1994 (pp. 1025-1031)
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		HASHIMOTO et al., "High Quality Ta <sub>2</sub> O <sub>5</sub> Films Using Ultra-High Purity Ta Sputtering Target," Extended Abstracts of the 18 <sup>th</sup> (1986 International) Conference on Solid State Devices and Materials, Tokyo, 1986 (pp. 253-256)
		MUNDEKIS, "Effects of Rolling Schedule and Annealing on the High Strain Rate Behavior of Tantalum," paper presented at TMS meeting in Cincinnati, Ohio in 1991 (23 pages)
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